

5 **Abstract**

An orthopaedic implant having a porous metal surface in a preferred embodiment, the implant comprises three layers including a biocompatible metal core of desired shape, a polymer intermediary layer, and a surface layer comprising a porous biocompatible metal, shaped appropriately to act as the surface of an orthopaedic implant is provided. The core and the pad are
10 placed in an injection molding device wherein a polymer intermediary layer is injection molded between the pad and the metal core, thereby bonding the pad to the metal core.